

Converting Colors

$Yxy(39.3898, 0.3051, 0.3391)$

Have a look what the booklet for
Yxy(39.3898, 0.3051, 0.3391)
contains.

Yxy(39.3898, 0.3051, 0.3391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.3898, 0.3051, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	9DACA5
RGB	157, 172, 165
RGB Percent	62%, 67%, 65%
CMY	0.3845, 0.3254, 0.3530
CMYK	0.09, 0.00, 0.04, 0.33
HSL	152°, 8%, 65%
HSV	152°, 9%, 67%
XYZ	35.4404, 39.3898, 41.3297
YIQ	166.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

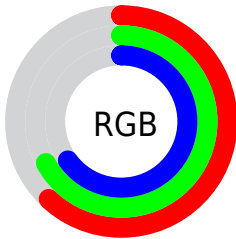
Format	Color
RYB	157, 167, 172
Decimal	10333349
CIELab	69.03, -6.64, 1.80
CIElCh	69, 6.880, 164.847
Yxy	39.3898, 0.3051, 0.3391
Android (android.graphics.Color)	4288523429 (0xFF9DACA5)
YUV	166.7170, -0.8465, -8.5218
Hunter-Lab	62.7613, -9.0360, 4.8892

Details

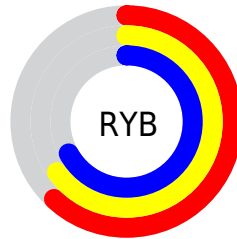
The Yxy color **39.3898, 0.3051, 0.3391** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5479, 0.3210, 0.3191**, and the grayscale version is **38.5021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1025, 0.3069, 0.3367**, and **17.6894, 0.3035, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **37.4992, 0.2966, 0.3519**, and if you desaturate by 10%, it is **41.5456, 0.3138, 0.3277**.

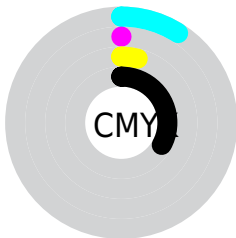
Distribution



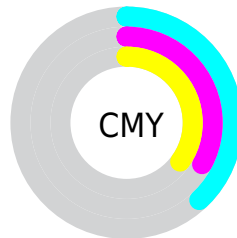
- Red (62%)
- Green (67%)
- Blue (65%)



- Red (62%)
- Yellow (65%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)





- Cyan (38%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3898, 0.3051, 0.3391 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.3898, 0.3051, 0.3391 by changing the saturation by 10% instead.


 39.3898, 0.3051,
0.3391


 39.3898, 0.3051,
0.3391


343.5449, 0.3090,
0.3339

 27.0631, 0.3041,
0.3405


 74.2334, 0.3066,
0.3372

 17.6206, 0.3027,
0.3423

 97.5191, 0.3071,
0.3364

 10.6780, 0.3009,
0.3447


125.2266, 0.3076,
0.3358

 5.8507, 0.2982,
0.3483

157.7403, 0.3079,
0.3353

 2.7545, 0.2940,
0.3540

195.4446, 0.3083,
0.3349

 1.0050, 0.2860,
0.3646

238.7239, 0.3086,

 0.0000, 0.0000,

0.3345

0.0000

287.9625, 0.3088,
0.3342

■ 39.3898, 0.3051,
0.3391

■ 39.3898, 0.3051,
0.3391

■ 37.4992, 0.2966,
0.3519

■ 41.5456, 0.3138,
0.3277

■ 35.8584, 0.2886,
0.3659

■ 43.9715, 0.3225,
0.3175

■ 34.4578, 0.2813,
0.3813

■ 46.6784, 0.3312,
0.3085

■ 33.2854, 0.2751,
0.3977

■ 49.6752, 0.3396,
0.3005

■ 32.3281, 0.2702,
0.4151

■ 52.9705, 0.3477,
0.2936

■ 31.5713, 0.2670,
0.4330

■ 55.5810, 0.3511,
0.2869

■ 30.9987, 0.2657,
0.4511

■ 55.9984, 0.3441,
0.2790

■ 30.5911, 0.2663,
0.4690

■ 56.4362, 0.3373,
0.2713

■ 30.3138, 0.2687,
0.4861

■ 56.8948, 0.3306,
0.2638

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.3898, 0.3152, 0.3452



39.3898, 0.3051, 0.3391



39.3898, 0.2971, 0.3302

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.3898, 0.3051, 0.3391



39.3898, 0.3006, 0.3117



39.3898, 0.3326, 0.3363

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.3898, 0.3051, 0.3391



35.5479, 0.3210, 0.3191

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.3898, 0.3286, 0.3275



39.3898, 0.3051, 0.3391



39.3898, 0.3100, 0.3135

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.3898, 0.3051, 0.3391



39.3898, 0.2945, 0.3145



39.3898, 0.3202, 0.3192



39.3898, 0.3312, 0.3434

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.3898, 0.3051, 0.3391



39.3898, 0.2940, 0.3240



39.3898, 0.3202, 0.3192



39.3898, 0.3318, 0.3335

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.3915, 0.3051, 0.3391



73.6154, 0.3101, 0.3324



39.8352, 0.3181, 0.3505



15.9308, 0.3094, 0.3333



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3915, 0.3051, 0.3391



70.5658, 0.3030, 0.3421



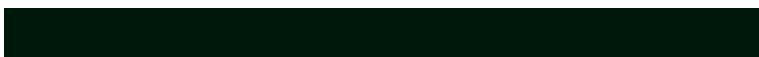
39.4634, 0.2995, 0.3282



9.0082, 0.3046, 0.3398



22.5409, 0.2685, 0.4865



0.6380, 0.2538, 0.4337

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.5479, 0.3210, 0.3191



61.8025, 0.3236, 0.3163



35.4715, 0.3275, 0.3298



8.0751, 0.3216, 0.3185



6.9704, 0.5068, 0.2565



0.2050, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 39.3898, 0.3051, 0.3391 looks on a white background.

Color Contrast Check

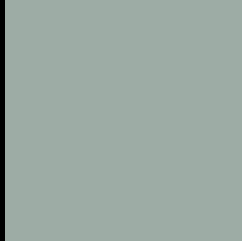
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.3898, 0.3051, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

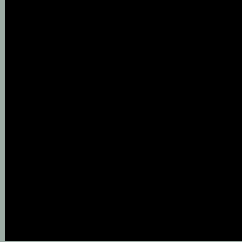
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

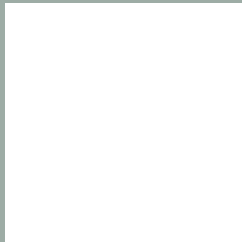
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3898, 0.3051, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 39.3898, 0.3051, 0.3391.



This preview shows how white text looks on a background with the Yxy color 39.3898, 0.3051, 0.3391.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.3898, 0.3051, 0.3391

Protanopia

39.4981, 0.3225, 0.3374

Deuteranopia

39.2987, 0.3301, 0.3237



Tritanopia

39.2684, 0.2934, 0.3094

Trichromacy



Original Color

39.3898, 0.3051, 0.3391

Protanomaly

39.2358, 0.3160, 0.3375

Deuteranomaly

39.1396, 0.3211, 0.3290

Tritanomaly

39.2550, 0.2981, 0.3205

Monochromacy



Original Color

39.3898, 0.3051, 0.3391

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.9156, 0.3098, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3898, 0.3051, 0.3391 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(157, 172, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 172, 165) }
```

Border

The CSS property to change the border of an element to Yxy 39.3898, 0.3051, 0.3391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 172, 165) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 172, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(157, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(157, 172,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3898, 0.3051, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 172, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
172, 165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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